



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**REGION 10 FEDERAL AIR RULES FOR INDIAN RESERVATIONS**  
**INITIAL / ANNUAL SOURCE REGISTRATION**

Applicability: Air pollution sources regulated by 40 Code of Federal Regulations Part 49.138.

Please check box to show how you are using this form. ☐ Initial Registration ☒ Annual Registration

**INSTRUCTIONS:** Complete applicable parts of Sections A, B, C and D. 2014 Emissions

**A. GENERAL INFORMATION**

**Identifying Information**

Source (Facility) Name Columbia Ready Mix Inc. Wapato P.F. Crusher

Air Quality Operating Permit No. (if applicable) NONE Required

Nature of the Business Aggregate Production (Portable Crusher)

Telephone (SOX) 453 - 2063 Facsimile (SOX) 877- 6963

Source Physical Address: Street 2131 Lateral 1 Rd

City Wapato County Yakima State WA ZIP 98951

Indian Reservation Name Yakima

Compliance Contact Chad Carlson Title General Manager

(Local Person responsible for source compliance with this rule)

Telephone (SOX) 453 - 2063 Ext. 120 Facsimile (SOX) 877- 6963

Contact Person Mailing Address: Street (or PO Box #) P.O. Box 9337

City Yakima County Yakima State WA ZIP 98909

e.mail address chad@columbiagasphalt.com

Received

**JAN 21 2015**

**A. GENERAL INFORMATION Cont.**Owner's Name LS Wapato LLCTelephone (509) 453-2063 Ext.      Facsimile (509) 877-6963Owner Mailing Address: Street ( or PO Box #) P.O. Box 9337City Yakima County Yakima State WA ZIP 98909 -e.mail address Jarrys@columbiasphalt.comContact Chad Carlson Title General Manager

(Person authorized to receive requests for data and information)

Telephone (509) 453-2063 Ext. 120 Facsimile (509) 877-6963Contact Person Mailing Address: Street (or PO Box #) P.O. Box 9337City Yakima County Yakima State WA ZIP 98909 -e.mail address chad@columbiasphalt.comOperator's Name Columbia Ready Mix Inc. (If different from Owner).Telephone (509) 453-2063 Ext.      Facsimile (509) 877-6963Operator's Mailing Address: Street ( or PO Box #) P.O. Box 9337City Yakima County Yakima State WA ZIP 98909 -e.mail address chad@columbiasphalt.comContact Chad Carlson Title General Manager

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Telephone (509) 453-2063 Ext. 120 Facsimile (509) 877-6963Contact Person Mailing Address: Street (or PO Box #) P.O. Box 9337City Yakima County Yakima State WA ZIP 98909 -e.mail address chad@columbiasphalt.com

**B. ATTACHMENTS****Include all of the following information as attachments to this form**

- ☐ Process flow chart identifying all processing, combustion, handling, storage, and emission control equipment
- ☐ Narrative description of the production processes and air pollution control equipment
- ☐ List of all emission units and air pollution generating activities; include model and serial numbers for portable equipment
- ☐ Plot Plan
  - ✓ Location of all emission units and air pollution generating activities
  - ✓ Property lines for the air pollution source
  - ✓ Elevation above grade for each emission release point
  - ✓ Distance and direction to nearest residential or commercial property
- ☐ Type and quantity of fuels, including sulfur content of fuels, used on a daily, annual and maximum hourly basis
- ☐ Type and quantity of raw materials used or final product produced on a daily, annual and maximum hourly basis
- ☐ Typical operating schedule, including number of hours per day, number of days per week and number of weeks per year
- ☐ List of estimated efficiency of air pollution control equipment under present or anticipated operating conditions
- ☐ Estimates of the total actual emissions from the air pollution source for the following air pollutants: particulate matter, PM<sub>10</sub>, PM<sub>2.5</sub>, sulfur oxides (SO<sub>x</sub>), nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), volatile organic compound (VOC), lead (Pb) and lead compounds, ammonia (NH<sub>3</sub>), fluorides (gaseous and particulate), sulfuric acid mist (H<sub>2</sub>SO<sub>4</sub>), hydrogen sulfide (H<sub>2</sub>S), total reduced sulfur (TRS) and reduced sulfur compounds, including all calculations for the estimates
- ☐ Other (provide details)

**Confidential Treatment of Information**

You may assert a business confidentiality claim covering any portion of the submitted information as provided in 40 C.F.R. part 2, subpart B. Please submit any information you claim as confidential business information separately, along with your claim of confidentiality. Note that emissions data and information necessary to determine emissions is not entitled to confidential treatment. Failure to assert a claim in the manner described in 40 C.F.R. part 2, subpart B allows the submitted information to be released to the public without further notice. Information subject to a business confidentiality claim may be disclosed by EPA only to the extent set forth in the above-cited regulations.

**C. TABLE OF ANNUAL EMISSIONS**

The following table should be completed by inserting estimates of the total actual emissions in tons/year for all pollutants contained in your worksheet stated above.

Pollutant	Total Emissions
PM	0.23219968
PM <sub>10</sub>	0.091251691
PM <sub>2.5</sub>	0.003194782
SO <sub>x</sub>	0
NO <sub>x</sub>	0
CO	0
VOC	0
Pb	0
NH <sub>3</sub>	0
Fluorides	0
H <sub>2</sub> SO <sub>4</sub>	0
H <sub>2</sub> S	0
TRS	0
RSC	0

**Definition of acronyms**

PM	Particulate Matter
PM <sub>10</sub>	Particulate Matter less than 10 microns in size
PM <sub>2.5</sub>	Particulate Matter less than 2.5 microns in size
SO <sub>x</sub>	Sulfur Oxides
NO <sub>x</sub>	Nitrogen Oxides
CO	Carbon Monoxide
VOC	Volatile Organic Compound
Pb	Lead and lead compounds
NH <sub>3</sub>	Ammonia
Fluorides	Gaseous and particulates
H <sub>2</sub> SO <sub>4</sub>	Sulfuric Acid Mist
H <sub>2</sub> S	Hydrogen Sulfide
TRS	Total Reduced Sulfur
RSC	Reduced Sulfur Compounds

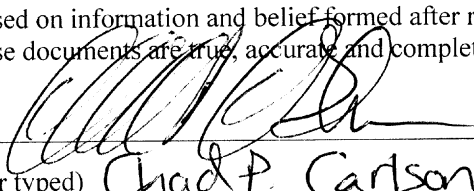
\*see supplemental Attachment for informational

Total of 36,366 tons of crushed + 29,100 tons of sandtailings screened out prior to crusher w/ 65,466.00 tons entering plant. DeAtley had 141,227.61 tons of sandtailings, so washplant processed 179,327.61 tons into the feeder w/ approx 5% waste to settling pond + rest to make concrete agg materials.

Thanks.

**D. OWNER OR OPERATOR CERTIFICATION OF TRUTH, ACCURACY AND COMPLETENESS****Certifying Official Information:** Identify the certifying official and provide contact information.Name: (Last) Carlson (First) Chad (Middle) P.Title General ManagerStreet or P.O. Box P.O. Box 9337City Yakima County Yakima State WA ZIP 98909Telephone (509) 453 2063 Ext. 120 Facsimile (509) 377-6963e.mail address chad@columbiasphalt.com**Certification of Truth, Accuracy and Completeness:** The Certifying Official must sign this statement after the form is completed.

I certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.

Name (signed) Name (printed or typed) Chad P. Carlson Date 1/13/2015**Return completed forms and attachments to:**

EPA Region 10 (OAWT-107)  
 FARR Registration Coordinator  
 Office of Air Waste and Toxics  
 1200 Sixth Avenue, Suite 900  
 Seattle, WA 98101

The public reporting and recordkeeping burden for this collection of information is estimated at 5.61 hours on average. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, US Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number 2060-0558 in any correspondence. Do not send the completed form to this address.

**WAPATO PIT EMISSIONS FOR FARR REGISTRATION**

<u>Controlled</u>		<u>PM</u>	<u>PM10</u>	<u>PM 2.5</u>	<u>Tons</u>	<u>PM</u>	<u>PM10</u>	<u>PM 2.5</u>	<u>Total</u>	
<u>Emission Unit</u>	<u>Factors</u>	<u>lbs/ton</u>	<u>lbs/ton</u>	<u>lbs/ton</u>	<u>Throughput</u>	<u>lbs</u>	<u>lbs</u>	<u>lbs</u>	<u>lbs</u>	
Primary Crusher	Coarse/Fines	0.0012	0.00054	0.0001	18687.03276	22.42443931	10.09099769	1.868703276	34.38414028	
Secondary Crusher	Fines	0.0012	0.00054	0.0001	12146.60766	14.57592919	6.559168136	1.214660766	22.34975809	
Tertiary Crusher	Fines	0.0012	0.00054	0.0001	12146.60766	14.57592919	6.559168136	1.214660766	22.34975809	
Tertiary Crusher	Fines	0.003	0.0012	0.00007	3909.126804	11.72738041	4.690952165	0.273638876	16.69197145	
<u>Total</u>									95.77562792	
Primary Screen	Coarse/Fines	0.0022	0.00074	0.00005	36366.00	80.0052	26.91084	1.8183	108.73434	
Primary Screen	Fines	0.0036	0.0022	N/A	12146.60766	43.72778758	26.72253685	N/A	70.45032443	
Primary Screen	Fines	0.0036	0.0022	N/A	3909.126804	14.07285649	8.600078969	N/A	22.67293546	
<u>Total</u>									201.8575999	
Conveyors 8 Total	Coarse/Fines	0.00014	N/A	N/A	36366	5.09124	N/A	N/A	5.09124	
<u>Total</u>									5.09124	
Haul roads	Coarse/Fines	0.0045	0.0016	N/A	36366	163.647	58.1856	N/A	221.8326	
Handling & Storage	Coarse/Fines	0.0026	0.00094	N/A	36366	94.5516	34.18404	N/A	128.73564	
<u>Total/lbs</u>									350.56824	
<u>G. Total/lbs</u>									648.2014678	
(Assume Sulfur Content of Fuel is 15 PPM)										
Sandtailing below reflects our production and DeAtley										
<u>Total/lbs</u>										350.56824
<u>G. Total/lbs</u>										648.2014678
Generator Using Onsite Power (no generator operated for crusher)										
1 gallon of #2 Ultra Low Sulfur Diesel equals:		138,500	<u>Btu's</u>							
Total fuel consumed by the generator:		0.00	<u>Gallons</u>							
Total MMBtu's for the #2 ULS Diesel:		0	<u>MMBtu's</u>							
Sandtailings are wet during screening and are not in the total throughput			<u>Crushed Aggregates</u>			<u>PM subtotals</u>				
			1 1/4"-0" 33366.00			<u>PM10 subtotals</u>				
			3/4"-0" 0.00			<u>PM2.5 subtotals</u>				
			<u>Screened out prior to Crusher</u>			<u>from above</u>				
			Sandtailings 170327.61			63.30367811 27.90028613 4.571663684				
			Total Materials 203693.61			137.8058441 62.23345582 1.8183				
						5.09124 N/A N/A				
						258.1986 92.36964 N/A				
						total lbs: 464.3993622 182.5033819 6.389963684 Tons/yr				
						lbs per ton: 2000 2000 2000 T. Particulate				
						tons/yr: 0.232199681 0.091251691 0.003194982 0.326646354				